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| Product Code  | 33528          |
| Unit of sale  | 1 pc           |
| Minimum order | 1              |
| Type          | Medical device |
| Class         | II A           |

|            |               |
|------------|---------------|
| RDM (NSIS) | 2621401       |
| CND        | Z12150102     |
| EAN/UPC    | 8023279335286 |

## Description

### MINISPIR with MIR SPIRO PC SOFTWARE

Real time Flow/Volume loop and Volume/time curve with PRE/POST comparison. Advanced spirometry test interpretation. Pediatric incentive animations. Lung Age. Temperature sensor for BTPS conversion. Supplied with reusable turbine.

32 measured parameters: FVC, FEV1, FEV1%, FEV3, FEV3%, FEV6, FEV1/FEV6%, PEF, FEF25%, FEF50%, FEF75%, FEF25-75%, FET, Vext, Lung Age, FIVC, FIV1, FIV1%, PIF, VC, IVC, IC, ERV, FEV1/VC%, VT, VE, Rf, ti, te, ti/t-tot, VT/ti, MVV. Manual GB, IT (FR, ES, DE, PT, DK, NL, PL, SE, HU, BG, GR available on [www.gimaitaly.com](http://www.gimaitaly.com)). MDR certified.

Made in Italy.

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### MIR SPIRO PC software

The next-generation software for Spirometry and Oximetry.

It complies with ATS/ERS 2019. Powerful and advanced, provides a wide range of features in a new graphic and customizable settings. New user interface, much more user intuitive and easier interoperability for EHR/ EMR integration. Automatic updates provide the latest version of software.

MIR Spiro PC Software one year licence subscription included with all MIR spirometers and oximeter.

### MIR Spiro software licence has one-year validity

Annual Platinum subscription renewal on [mymir.spirometry.com](http://mymir.spirometry.com)

### TEST:

FVC Pre/Post, SVC Pre/Post  
 Oximetry Spot  
 24h oximetry holter  
 MVV Pre/Post  
 Oximetry 6MWT, Oximetry Sleep

### PATIENT MANAGEMENT:

New patient / Patient List / Patient Search  
 Patient Session Summary  
 Patient Risk factors/Symptoms  
 Test cronology comparison  
 Worklist

### PRINTOUTS:

FVC Printout STD and ATS 2019  
 FVC Printout STD NIOSH/OSHA  
 Oximetry Calibration Printout and VC Printout  
 Quality Grade Printout

### DATA MANAGEMENT:

Data sharing/Interoperability

Data import from Legacy db  
Data Import from third parties sfw db  
Data Export in Excel/csv/ATS/HL7/GDT  
Data Recovery  
Emphysema Severity Index (ESI)  
ESI Method Artificial Intelligence

**PC SYSTEM REQUIREMENTS:**

Windows: 8, 10, 11 (all 32, 64 bit); RAM 1 GB for 32 bit or 2 GB for 64 bit / 1 GHz or faster processor, two or more cores in a 64 bit processor / 1 GB free hard disk space  
Mac iOS: operating system from 10.13; RAM 2 GB (recommended 4 GB) / 1 GB free hard disk space  
Connection: USB port or Bluetooth low energy  
Multilingual software: GB, FR, IT, ES, PT, DE, PL, HU, RO, SE, NL, CZ, LV, TR, UA, GE, RU, CN, JP

## Technical Specifications

Temperature sensor: semiconductor (0-45°C)  
Flow sensor: bi-directional digital turbine  
Flow range:  $\pm 16$  L/s  
Volume accuracy:  $\pm 2.5\%$  or 50 mL  
Flow accuracy:  $\pm 5\%$  or 200 mL/s  
Dynamic resistance at 12 L/s:  $<0.5$  cm H<sub>2</sub>O/L/s  
Communication port: USB  
Power Supply: line powered from USB port  
Dimension: 50x142x26 mm  
Weight: 65 g